Title (en)

METHOD AND SYSTEM FOR AUTOMATICALLY REPOSITIONING A VIEWABLE AREA WITHIN AN ENDOSCOPE VIDEO VIEW

Title (de)

VERFAHREN UND SYSTEM ZUR AUTOMATISCHEN REPOSITIONIERUNG EINES SICHTBAREN BEREICHS IN EINER ENDOSKOPVIDEOANSICHT

Title (fr)

PROCÉDÉ ET SYSTÈME POUR REPOSITIONNER AUTOMATIQUEMENT UNE ZONE VISIBLE À L'INTÉRIEUR D'UNE VUE VIDÉO D'ENDOSCOPE

Publication

EP 3948778 A1 20220209 (EN)

Application

EP 19920981 A 20190403

Priority

- US 201916361075 A 20190321
- US 2019025673 W 20190403

Abstract (en)

[origin: US2020304753A1] Embodiments described herein provide various examples of displaying video images of a surgical video captured at a first resolution on a screen of a surgical system having a second resolution lower than the first resolution. In one aspect, a process begins by receiving the surgical video and selecting a first portion of the video images having the same or substantially the same resolution as the second resolution. The process subsequently displays the first portion of the video images on the screen. While displaying the first portion of the video images, the process monitors a second portion of the video images not being displayed on the screen for a set of predetermined events, wherein the second portion is not visible to the user. When a predetermined event in the set of predetermined events is detected in the second portion, the process generates an alert to notify the user.

IPC 8 full level

G06T 7/33 (2017.01); **A61B 1/04** (2006.01); **G06T 7/00** (2017.01); **H04N 5/225** (2006.01)

CPC (source: EP KR US)

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Designated extension state (EPC)

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